

## ABSTRACT

The present invention relates to an information processing apparatus and an information processing method, a recording medium, and a program that make it possible to generate a positive history vector and a negative history vector. In step S71, a negative history vector is generated from initially registered contents. When it is determined in step S72 that the initially registered contents are not changed, and when it is determined in step S73 that an operation log is supplied, whether or not the supplied operation log is a positive history is determined in step S74. When the supplied operation log is a positive history, a program vector corresponding to the operation log is additionally stored as a positive history in step S75, and a positive history vector is generated from a sum of program vectors in step S76. When the supplied operation log is a negative history, a program vector corresponding to the operation log is additionally stored as a negative history in step S77, and a negative history vector is generated from a sum of program vectors in step S78. The present invention is applicable to a program recommendation processing device.